Work Order ID 88707

July-31-12 9:10:13 AM

88707

Item ID:	D206-642-113	Accept	***N9000401 00***
Revision ID:			
Item Name:	Skidtube LH		

Setup Start ***NS1***

Stop ***NS2***

Start Date:	7/31/12	Start Qty:	1.00	***1***	
Required Date:	8/03/12	Req'd Qty:	1.00	***1***	

Cust Item ID:

Customer:

Reference:

Run Start ***NR1***

Stop ***NR2***

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	**Revision Nbr**								
IIN-D206-642	O								

100		0.00							
100	DOCUMENT CONTROL		DAS 16	12/08/3				MLJ 12/07/31	
DC	**Memo**	0.00							
Document Control	Photocopy bluefile & type labels per PPP206-642-113 CHG002 K10111 CHG003								

110	Pick Kit	0.00							
110									
Packaging	**Memo**	0.00							
Packaging									

120	QC4- 100% Inspect kits for completeness	0.00							
120			DAS 16	12/08/03					
QC	**Memo**	0.00							
Quality Control									

B 80965 LH

NCR: Yes / No **WORK ORDER NON-CONFORMANCE / UPDATE**

Work Order: _____	**DISPOSITION**		**AGAINST DEPARTMENT/PROCESS**			
Part No. _____	Rework ☐	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐	
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	
NCR No. _____	Work Order Update ☐	Large Fab ☐	Composite ☐	Supplier ☐		

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data ☐									
Equip/Tooling ☐									
Operator ☐									
Material ☐									
Setup ☐									
Other ☐									
Process ☐									
Supplier ☐									
Training ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear	**General**			
☐ Bending	☐ Bend	☐ Grain	☐ Ovalized	☐ Pressure/Forced
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware	☐ Over/Under tolerance	☐ Temperature/Cure
☐ Cracks	☐ Broken/Damaged	☐ Inspection Incomplete	☐ Part Incorrect	☐ Weld
☐ Crushed/Crimped.	☐ Burrs	☐ Instructions Incomplete/Unclear	☐ Part Lost/Missing	☐ Wrong Stock Pulled
☐ Cuffs	☐ Contamination	☐ Maintenance	☐ Part Moved	
☐ Heat Treat	☐ Countersink	☐ Mislabeled	☐ Positioned Wrong	
☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread	☐ Power Loss/Surge	☐ Other
☐ Ripples in Bend	☐ Drill Holes	☐ Offset		
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration	_____	
☐ Turning Sequence	☐ Finish	☐ Out of Sequence	_____	
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions	_____	

Item ID:	D206-642-113			Accept	***N9000401OO***	**Setup Start**	***NS1***
Revision ID:						**Stop**	***NS2***
Item Name:	Skidtube LH						
Start Date:	7/31/12	**Start Qty:** 1.00	***1***		**Cust Item ID:**		
Required Date: 8/03/12		**Req'd Qty:** 1.00	***1***		**Customer:**		
Reference:						**Run Start**	***NR1***

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ **Run Start** ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ **Stop** ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 ***130*** Packaging	Packaging	0.00							
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPPD206-642-113 K10111 Location:_____ PPP Rev:_____								
140 ***140*** QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	Memo	0.00							

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

- Rework ☐
- Scrap ☐
- Use-as-is ☐
- Work Order Update ☐

AGAINST DEPARTMENT/PROCESS

- Skid-tube ☐
- Machining ☐
- Thermoforming ☐
- Large Fab ☐
- Crosstube ☐
- Small Fab ☐
- Finishing ☐
- Composite ☐
- Water Jet ☐
- Prod. Eng. Coor. ☐
- Rec/Store/Packaging ☐
- Supplier ☐
- Engineering ☐
- Quality ☐
- Other ☐

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data ☐									
Equip/Tooling ☐									
Operator ☐									
Material ☐									
Setup ☐									
Other ☐									
Process ☐									
Supplier ☐									
Training ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear

- ☐ Bending
- ☐ Centre Not Concentric to O/S
- ☐ Cracks
- ☐ Crushed/Crimped
- ☐ Cuffs
- ☐ Heat Treat
- ☐ Inspection Strip in Tube
- ☐ Ripples in Bend
- ☐ Torque Waves in Extrusion
- ☐ Turning Sequence
- ☐ Wave/Twist in Tube

General

- ☐ Bend
- ☐ BOM/Route
- ☐ Broken/Damaged
- ☐ Burrs
- ☐ Contamination
- ☐ Countersink
- ☐ Cut Too Short
- ☐ Drill Holes
- ☐ Drawing
- ☐ Finish
- ☐ Folio

- ☐ Grain
- ☐ Hardware
- ☐ Inspection Incomplete
- ☐ Instructions Incomplete/Unclear
- ☐ Maintenance
- ☐ Mislabeled
- ☐ Misread
- ☐ Offset
- ☐ Out of Calibration
- ☐ Out of Sequence
- ☐ Outside Dimensions

- ☐ Ovalized
- ☐ Over/Under tolerance
- ☐ Part Incorrect
- ☐ Part Lost/Missing
- ☐ Part Moved
- ☐ Positioned Wrong
- ☐ Power Loss/Surge

- ☐ Pressure/Forced
- ☐ Temperature/Cure
- ☐ Weld
- ☐ Wrong Stock Pulled
- ☐ Other

_____
_____
_____

Work Order ID:	88707					
Parent Item:	D206-642-113			Start Date: 7/31/12	Required Date: 8/03/12
Parent Item Name:	Skidtube LH			Start Qty: 1.00	Required Qty: 1.00

Comments: IPP REV:A 10.12.08 PER REV.N DD VERF:EC   IPP REV:B 11.09.23 ADDED
K10111 DD VERF:EC   IPP REV:C REDESIGN PER ENG ERROR 11-11-17 JLM
VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-642-151 Replacement Skidtube		Manufactured	No			110	Each	1.0000	1	1			

	Location		Loc Qty		Loc Code	
	FG		1			
	77976		1			

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
K10111 Saddle, Skidtube 206		Manufactured	No			110	Each	0.0000	1				

[Handwritten annotations: "80965", "— was pulled or 80978 by mistake", "8 3 3 4 7", "CH6903", "I will pull #80967 mf 12-08-17", "mf"]

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____	**DISPOSITION**		**AGAINST DEPARTMENT/PROCESS**			
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	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
NCR No. _____	Work Order Update ☐	Large Fab ☐	Composite ☐	Supplier ☐	☐

Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data	☐									
Equip/Tooling	☐									
Operator	☐									
Material	☐									
Setup	☐									
Other	☐									
Process	☐									
Supplier	☐									
Training	☐									
Unapproved	☐									

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General

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☐ Pressure/Forced
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled

☐ Other
_____
_____
_____